Cromemco
System One

New Cromemco System One shown with our high-capability terminal and printer.

A readily-expandable small computer

- **Z80-A processor**
- **64K of RAM**
- **780K of disk storage**
- **CRT and printer interfaces**
- **Eight S-100 card slots, allowing expansion with**
  - **— color graphics**
  - **— additional memory**
  - **— additional interfaces for telecommunications, data acquisition, etc.**
- **Small size**

GENEROUS DISK STORAGE

This is a low-priced small computer that won't run out of memory capacity or expandability in the middle of your project.

Without adequate capability and expandability, a computer can be obsolete from the start.

The new System One has been designed to be a readily-expandable small computer with unusual power and capability.

The 780K of disk storage in the System One Model CS-1 is much greater than what is typically available in small computers. But here, too, you have a choice since a second version, Model CS-1H, has a 5'' Winchester drive that gives you **5 megabytes** of disk storage.

MULTI-USER, MULTI-TASKING CAPABILITY

Believe it or not, this new computer even offers multi-user capability when used with our advanced CROMIX* operating system option. Not only does this outstanding O/S support multiple users on this computer but does so with powerful features like multiple directories, file protection and record level lock. CROMIX lets you run multiple jobs as well.

In addition to our highly-acclaimed CROMIX, there is our CDOS*. This is an enhanced CP/M† type system designed for single-user applications. CP/M and a wealth of CP/M-compatible software are also available for the new System One through third-party vendors.

COLOR GRAPHICS/WORD PROCESSING

This small computer even gives you the option of outstanding high-resolution color graphics with our Model SDI interface and two-port RAM cards.

Then there's our tremendously wide range of Cromemco software including packages for word processing, business, and much more, all usable with the new System One.

Cromemco™

Tomorrow's computers today

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ANTI-OBSOLESCENCE/LOW-PRICED

As you can see, the new 'One' offers you a lot of performance. It's obviously designed with anti-obsolescence in mind.

What's more, it's moderately priced. It's considerable less than many machines with much less capability. And it's not that much more than many machines that have little or nothing in the way of expandability.

*CROMIX and CDOS are trademarks of Cromemco Inc.
†CP/M is a trademark of Digital Research

SMALL, RUGGED

Physically, the 'One' is small — 7'' high x 14⅛''w x 17¾'' d.

And it's all-metal in construction with a cast aluminum front panel, welded steel chassis, and steel cabinet.

RACK MOUNT

As with all Cromemco computers, the 'One' can also be rack-mounted. An optional rack mount kit is available (see specifications).

TECHNICAL SPECIFICATIONS

System One Computer Model CS-1

Processor: 4 MHz version Z80-A
Cycle time: 250 nanoseconds
Minimum instruction execution time: 1 microsecond
System bus: industry standard S-100
Board capacity: 8 boards
Boards supplied: ZPU, 64KZ, and 16FDC, including printer and crt interface.
RAM Memory: 64K bytes
ROM firmware: 4K bytes
Disk drive capacity: 2 floppy disk drives
Diskette size: 5-inch
Formatted diskette capacity (each diskette): Quad capacity; 390K bytes
Power: operates from 110/120/220/240 volts; 50/60 cycle
Operating environment: 0 - 40°C
Dimensions: 14.2''W x 7.0''H x 17.8'' D
Weight: 44 lbs.
Mounting: cabinet; optional rack-mount brackets available Model RMB-1

System One Computer Model CS-1H

Processor: 4 MHz version Z80-A
Cycle time: 250 nanoseconds
Minimum instruction execution time: 1 microsecond
System bus: industry standard S-100
Board capacity: 8 boards
Boards supplied: ZPU, 64KZ, 16FDC and WDI including printer and crt interface
RAM memory: 64K bytes
ROM firmware: 4K bytes
Disk drive capacity: 1 floppy disk drive and 1 hard disk drive
Diskette size: 5-inch
Formatted diskette capacity: Quad capacity; 390K bytes
Hard disk storage capacity; 5-megabyte Winchester disk drive
Power: operates from 110/120/220/240 volts; 50/60 cycle
Operating environment: 0 - 40°C
Dimensions: 14.2''W x 7.0''H x 17.8''D
Weight: 47 lbs.
Mounting: cabinet; optional rack-mount brackets available Model RMB-1

Optional Disk Software Available

System Software: CDOS* (a CP/M-like operating system), CROMIX* (a UNIX-like operating system); COBOL; BASIC; FORTRAN IV; RATFOR; LISP; C; Macro Assembler.
Application Software: Word Processing, Data-Base Management; General Ledger; Accounts Receivable; Accounts Payable; Inventory.

Model 3715 Dot-Matrix Printer

Format: 150 characters/sec.; either 80 or 132 characters/line: 10-inch platen; characters can be widened by suitable host-generated codes.
General: three-way paper-handling system accepts standard 9½-inch width computer fanfold forms, 8½-inch rollpaper, and 8½-inch single sheets

Cromemco™
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